

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/29 C12N15/31 C07K16/12 A61K39/02 A61K39/295

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| X | WO 01/68865 A (AQUA HEALTH LIMITED; SIMARD, NATHALIE; BROUWERS, HUUB; JONES, SIMON;) 20 September 2001 (2001-09-20) | 2,8-14, 19 |
| Y | page 7 - page 8; figure 7 | 1-14, 18, 19, 31-33, 36 |
| X | LEONG J C ET AL: "FISH VACCINE ANTIGENS PRODUCED OR DELIVERED BY RECOMBINANT DNA TECHNOLOGIES" DEVELOPMENTS IN BIOLOGICAL STANDARDIZATION, KARGER, BASEL, CH, vol. 90, 1997, pages 267-277, XP001062656 ISSN: 0301-5149 | 37-42 |
| Y | page 272, paragraph 3 page 270, line 10 - line 16; table 1 ----- -/-- | 15-17, 20-24 |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

4 May 2005

Date of mailing of the international search report

24/05/2005

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| Y | <p>VALENZUELA PDT ET AL.: "Sequence and applications of the Piscirickettsia salmonis genome" BIOLOGICAL RESEARCH, 'Online! vol. 34, no. 3-4, 2001, pages R-17, XP002325385 ISSN: 0716-9760 Retrieved from the Internet: URL: http://www.scielo.cl/scielo.php?script=sci_arttext&pid=S0716-97602001000300012&lng=en&nrm=iso 'retrieved on 2005-04-14! Abstract of presentation at Symposium at following conference: XLIV ANNUAL MEETING OF THE SOCIEDAD DE BIOLOGIA DE CHILE (BIOLOGY SOCIETY OF CHILE); PUCON, CHILE; NOVEMBER 06-10, 2001 abstract</p> | 1-14, 18, 19, 31-33, 36 |
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| P, Y | <p>MIQUEL ALVARO ET AL: "Immunoresponse of Coho salmon immunized with a gene expression library from Piscirickettsia salmonis." BIOLOGICAL RESEARCH, vol. 36, no. 3-4, 2003, pages 313-323, XP002325386 ISSN: 0716-9760</p> | 1-16, 18-21 |
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INTERNATIONAL SEARCH REPORT

In Application No
PCT/US2004/003339

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

International Application No
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